

Michel J Grothe

List of Publications by Year in descending order

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Version: 2024-02-01

151
papers

6,671
citations

66343

42
h-index

76900

74
g-index

165
all docs

165
docs citations

165
times ranked

8065
citing authors

#	ARTICLE	IF	CITATIONS
1	Four distinct trajectories of tau deposition identified in Alzheimer's disease. <i>Nature Medicine</i> , 2021, 27, 871-881.	30.7	354
2	In vivo staging of regional amyloid deposition. <i>Neurology</i> , 2017, 89, 2031-2038.	1.1	321
3	Atrophy of the Cholinergic Basal Forebrain Over the Adult Age Range and in Early Stages of Alzheimer's Disease. <i>Biological Psychiatry</i> , 2012, 71, 805-813.	1.3	254
4	Multimodal imaging in Alzheimer's disease: validity and usefulness for early detection. <i>Lancet Neurology</i> , 2015, 14, 1037-1053.	10.2	233
5	Reduction of Basal Forebrain Cholinergic System Parallels Cognitive Impairment in Patients at High Risk of Developing Alzheimer's Disease. <i>Cerebral Cortex</i> , 2010, 20, 1685-1695.	2.9	183
6	Subregional Basal Forebrain Atrophy in Alzheimer's Disease: A Multicenter Study. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 687-700.	2.6	173
7	Longitudinal measures of cholinergic forebrain atrophy in the transition from healthy aging to Alzheimer's disease. <i>Neurobiology of Aging</i> , 2013, 34, 1210-1220.	3.1	169
8	The EADC-ADNI Harmonized Protocol for manual hippocampal segmentation on magnetic resonance: Evidence of validity. <i>Alzheimer's and Dementia</i> , 2015, 11, 111-125.	0.8	162
9	Multimodal analysis of functional and structural disconnection in Alzheimer's disease using multiple kernel SVM. <i>Human Brain Mapping</i> , 2015, 36, 2118-2131.	3.6	156
10	Relevance of Magnetic Resonance Imaging for Early Detection and Diagnosis of Alzheimer Disease. <i>Medical Clinics of North America</i> , 2013, 97, 399-424.	2.5	151
11	Longitudinal Associations of Blood Phosphorylated Tau181 and Neurofilament Light Chain With Neurodegeneration in Alzheimer Disease. <i>JAMA Neurology</i> , 2021, 78, 396.	9.0	146
12	The cholinergic system in mild cognitive impairment and Alzheimer's disease: An in vivo MRI and DTI study. <i>Human Brain Mapping</i> , 2011, 32, 1349-1362.	3.6	136
13	In vivo cholinergic basal forebrain atrophy predicts cognitive decline in de novo Parkinson's disease. <i>Brain</i> , 2018, 141, 165-176.	7.6	135
14	Neurogenetic contributions to amyloid beta and tau spreading in the human cortex. <i>Nature Medicine</i> , 2018, 24, 1910-1918.	30.7	135
15	PETPVE12: an SPM toolbox for Partial Volume Effects correction in brain PET – Application to amyloid imaging with AV45-PET. <i>NeuroImage</i> , 2017, 147, 669-677.	4.2	134
16	Convergent Findings of Altered Functional and Structural Brain Connectivity in Individuals with High Functioning Autism: A Multimodal MRI Study. <i>PLoS ONE</i> , 2013, 8, e67329.	2.5	132
17	Time course of phosphorylated-tau181 in blood across the Alzheimer's disease spectrum. <i>Brain</i> , 2021, 144, 325-339.	7.6	124
18	Spatial patterns of atrophy, hypometabolism, and amyloid deposition in Alzheimer's disease correspond to dissociable functional brain networks. <i>Human Brain Mapping</i> , 2016, 37, 35-53.	3.6	119

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19	Atrophy of the cholinergic basal forebrain in dementia with Lewy bodies and Alzheimer's disease. <i>Journal of Neurology</i> , 2014, 261, 1939-1948.	3.6	113
20	Training labels for hippocampal segmentation based on the EADC-ADNI harmonized hippocampal protocol. <i>Alzheimer's and Dementia</i> , 2015, 11, 175-183.	0.8	105
21	A molecular gradient along the longitudinal axis of the human hippocampus informs large-scale behavioral systems. <i>Nature Communications</i> , 2020, 11, 960.	12.8	100
22	Cholinergic basal forebrain atrophy predicts amyloid burden in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2014, 35, 482-491.	3.1	94
23	Measuring Cortical Connectivity in Alzheimer's Disease as a Brain Neural Network Pathology: Toward Clinical Applications. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 138-163.	1.8	92
24	Molecular properties underlying regional vulnerability to Alzheimer's disease pathology. <i>Brain</i> , 2018, 141, 2755-2771.	7.6	89
25	Tau Pathology Distribution in Alzheimer's disease Corresponds Differentially to Cognition-Relevant Functional Brain Networks. <i>Frontiers in Neuroscience</i> , 2017, 11, 167.	2.8	87
26	Disentangling Heterogeneity in Alzheimer's Disease and Related Dementias Using Data-Driven Methods. <i>Biological Psychiatry</i> , 2020, 88, 70-82.	1.3	87
27	Cognitive Correlates of Basal Forebrain Atrophy and Associated Cortical Hypometabolism in Mild Cognitive Impairment. <i>Cerebral Cortex</i> , 2016, 26, 2411-2426.	2.9	81
28	Brain volumes differ between diagnostic groups of violent criminal offenders. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2013, 263, 593-606.	3.2	80
29	Basal forebrain atrophy and cortical amyloid deposition in nondemented elderly subjects. <i>Alzheimer's and Dementia</i> , 2014, 10, S344-53.	0.8	79
30	Reduced basal forebrain atrophy progression in a randomized Donepezil trial in prodromal Alzheimer's disease. <i>Scientific Reports</i> , 2017, 7, 11706.	3.3	79
31	Sex differences in functional and molecular neuroimaging biomarkers of Alzheimer's disease in cognitively normal older adults with subjective memory complaints. <i>Alzheimer's and Dementia</i> , 2018, 14, 1204-1215.	0.8	79
32	The relative importance of imaging markers for the prediction of Alzheimer's disease dementia in mild cognitive impairment – Beyond classical regression. <i>NeuroImage: Clinical</i> , 2015, 8, 583-593.	2.7	77
33	Recent Advances in Cholinergic Imaging and Cognitive Decline – Revisiting the Cholinergic Hypothesis of Dementia. <i>Current Geriatrics Reports</i> , 2018, 7, 1-11.	1.1	75
34	Fractional Anisotropy Changes in Alzheimer's Disease Depend on the Underlying Fiber Tract Architecture: A Multiparametric DTI Study using Joint Independent Component Analysis. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 69-83.	2.6	71
35	Hierarchical Organization of Tau and Amyloid Deposits in the Cerebral Cortex. <i>JAMA Neurology</i> , 2017, 74, 813.	9.0	61
36	The BDNF Val66Met SNP modulates the association between beta-amyloid and hippocampal disconnection in Alzheimer's disease. <i>Molecular Psychiatry</i> , 2021, 26, 614-628.	7.9	61

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37	Cholinergic white matter pathways make a stronger contribution to attention and memory in normal aging than cerebrovascular health and nucleus basalis of Meynert. <i>NeuroImage</i> , 2020, 211, 116607.	4.2	59
38	Does posterior cingulate hypometabolism result from disconnection or local pathology across preclinical and clinical stages of Alzheimer's disease?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 526-536.	6.4	58
39	Basal Forebrain and Hippocampus as Predictors of Conversion to Alzheimer's Disease in Patients with Mild Cognitive Impairment – A Multicenter DTI and Volumetry Study. <i>Journal of Alzheimer's Disease</i> , 2015, 48, 197-204.	2.6	56
40	Distinct pattern of hypometabolism and atrophy in preclinical and predementia Alzheimer's disease. <i>Neurobiology of Aging</i> , 2014, 35, 1973-1981.	3.1	52
41	Multimodal characterization of older <i>APOE2</i> carriers reveals selective reduction of amyloid load. <i>Neurology</i> , 2017, 88, 569-576.	1.1	50
42	Associations of Fully Automated CSF and Novel Plasma Biomarkers With Alzheimer Disease Neuropathology at Autopsy. <i>Neurology</i> , 2021, 97, .	1.1	50
43	Multicenter stability of resting state fMRI in the detection of Alzheimer's disease and amnesic MCI. <i>NeuroImage: Clinical</i> , 2017, 14, 183-194.	2.7	49
44	Longitudinal degeneration of the basal forebrain predicts subsequent dementia in Parkinson's disease. <i>Neurobiology of Disease</i> , 2020, 139, 104831.	4.4	49
45	The corticotopic organization of the human basal forebrain as revealed by regionally selective functional connectivity profiles. <i>Human Brain Mapping</i> , 2019, 40, 868-878.	3.6	47
46	Cholinergic Basal Forebrain Structure Influences the Reconfiguration of White Matter Connections to Support Residual Memory in Mild Cognitive Impairment. <i>Journal of Neuroscience</i> , 2015, 35, 739-747.	3.6	45
47	Data-driven FDG-PET subtypes of Alzheimer's disease-related neurodegeneration. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 49.	6.2	44
48	Effective connectivity in the default mode network is distinctively disrupted in Alzheimer's disease – A simultaneous resting-state FDG-PET/fMRI study. <i>Human Brain Mapping</i> , 2021, 42, 4134-4143.	3.6	43
49	The cholinergic system in subtypes of Alzheimer's disease: an in vivo longitudinal MRI study. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 51.	6.2	41
50	Mean diffusivity in cortical gray matter in Alzheimer's disease: The importance of partial volume correction. <i>NeuroImage: Clinical</i> , 2018, 17, 579-586.	2.7	40
51	Association of basal forebrain volumes and cognition in normal aging. <i>Neuropsychologia</i> , 2014, 53, 54-63.	1.6	39
52	Robust Detection of Impaired Resting State Functional Connectivity Networks in Alzheimer's Disease Using Elastic Net Regularized Regression. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 318.	3.4	36
53	Subregional volume reduction of the cholinergic forebrain in subjective cognitive decline (SCD). <i>NeuroImage: Clinical</i> , 2019, 21, 101612.	2.7	35
54	The European DTI Study on Dementia – A multicenter DTI and MRI study on Alzheimer's disease and Mild Cognitive Impairment. <i>NeuroImage</i> , 2017, 144, 305-308.	4.2	33

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55	Reference standard space hippocampus labels according to the European Alzheimer's Disease Consortium's Alzheimer's Disease Neuroimaging Initiative harmonized protocol: Utility in automated volumetry. <i>Alzheimer's and Dementia</i> , 2017, 13, 893-902.	0.8	32
56	Basal Forebrain Volume, but Not Hippocampal Volume, Is a Predictor of Global Cognitive Decline in Patients With Alzheimer's Disease Treated With Cholinesterase Inhibitors. <i>Frontiers in Neurology</i> , 2018, 9, 642.	2.4	32
57	Gaussian Graphical Models Reveal Inter-Modal and Inter-Regional Conditional Dependencies of Brain Alterations in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 99.	3.4	31
58	Individual Correspondence of Amyloid- β^2 and Intrinsic Connectivity in the Posterior Default Mode Network Across Stages of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 58, 763-773.	2.6	30
59	Reduced Cholinergic Basal Forebrain Integrity Links Neonatal Complications and Adult Cognitive Deficits After Premature Birth. <i>Biological Psychiatry</i> , 2017, 82, 119-126.	1.3	30
60	Relationship between Basal Forebrain Resting-State Functional Connectivity and Brain Amyloid- β^2 Deposition in Cognitively Intact Older Adults with Subjective Memory Complaints. <i>Radiology</i> , 2019, 290, 167-176.	7.3	30
61	Resting-state posterior alpha rhythms are abnormal in subjective memory complaint seniors with preclinical Alzheimer's neuropathology and high education level: the INSIGHT-preAD study. <i>Neurobiology of Aging</i> , 2020, 90, 43-59.	3.1	30
62	Pedunculopontine Nucleus Microstructure Predicts Postural and Gait Symptoms in Parkinson's Disease. <i>Movement Disorders</i> , 2020, 35, 1199-1207.	3.9	29
63	Neuropathologic features associated with basal forebrain atrophy in Alzheimer disease. <i>Neurology</i> , 2020, 95, e1301-e1311.	1.1	29
64	Differential associations of APOE- μ^2 and APOE- μ^4 alleles with PET-measured amyloid- β^2 and tau deposition in older individuals without dementia. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 2212-2224.	6.4	29
65	The relation of regional cerebral perfusion and atrophy in mild cognitive impairment (MCI) and early Alzheimer's dementia. <i>Psychiatry Research - Neuroimaging</i> , 2010, 183, 44-51.	1.8	26
66	Contribution of the Cholinergic System to Verbal Memory Performance in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 991-1001.	2.6	26
67	Brain atrophy in primary progressive aphasia involves the cholinergic basal forebrain and Ayala's nucleus. <i>Psychiatry Research - Neuroimaging</i> , 2014, 221, 187-194.	1.8	25
68	A study on the specificity of the association between hippocampal volume and delayed primacy performance in cognitively intact elderly individuals. <i>Neuropsychologia</i> , 2015, 69, 1-8.	1.6	25
69	Longitudinal validity of PET-based staging of regional amyloid deposition. <i>Human Brain Mapping</i> , 2020, 41, 4219-4231.	3.6	25
70	Applicability of in vivo staging of regional amyloid burden in a cognitively normal cohort with subjective memory complaints: the INSIGHT-preAD study. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 15.	6.2	24
71	Comparison of subtyping methods for neuroimaging studies in Alzheimer's disease: a call for harmonization. <i>Brain Communications</i> , 2020, 2, fcaa192.	3.3	24
72	Predictors of cognitive decline and treatment response in a clinical trial on suspected prodromal Alzheimer's disease. <i>Neuropharmacology</i> , 2016, 108, 128-135.	4.1	23

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73	CSF biomarkers and plasma p-tau181 as predictors of longitudinal tau accumulation: Implications for clinical trial design. <i>Alzheimer's and Dementia</i> , 2022, 18, 2614-2626.	0.8	22
74	Perspectives for Multimodal Neurochemical and Imaging Biomarkers in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2012, 33, S329-S347.	2.6	21
75	Atrophy and structural covariance of the cholinergic basal forebrain in primary progressive aphasia. <i>Cortex</i> , 2016, 83, 124-135.	2.4	21
76	Hypermetabolism in the hippocampal formation of cognitively impaired patients indicates detrimental maladaptation. <i>Neurobiology of Aging</i> , 2018, 65, 41-50.	3.1	21
77	Connectomics and molecular imaging in neurodegeneration. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2819-2830.	6.4	21
78	In vivo staging of regional amyloid deposition predicts functional conversion in the preclinical and prodromal phases of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2020, 93, 98-108.	3.1	21
79	Effect of Alzheimer's disease risk and protective factors on cognitive trajectories in subjective memory complainers: An INSIGHT-preAD study. <i>Alzheimer's and Dementia</i> , 2018, 14, 1126-1136.	0.8	20
80	Plasma tau correlates with basal forebrain atrophy rates in people at risk for Alzheimer disease. <i>Neurology</i> , 2020, 94, e30-e41.	1.1	20
81	No association of cortical amyloid load and EEG connectivity in older people with subjective memory complaints. <i>NeuroImage: Clinical</i> , 2018, 17, 435-443.	2.7	19
82	Characterizing the Molecular Architecture of Cortical Regions Associated with High Educational Attainment in Older Individuals. <i>Journal of Neuroscience</i> , 2019, 39, 4566-4575.	3.6	18
83	Cortical amyloid accumulation is associated with alterations of structural integrity in older people with subjective memory complaints. <i>Neurobiology of Aging</i> , 2017, 57, 143-152.	3.1	18
84	Multimodal MRI analysis of basal forebrain structure and function across the Alzheimer's disease spectrum. <i>NeuroImage: Clinical</i> , 2020, 28, 102495.	2.7	17
85	Lower cholinergic basal forebrain volumes link with cognitive difficulties in schizophrenia. <i>Neuropsychopharmacology</i> , 2021, 46, 2320-2329.	5.4	17
86	In vivo cholinergic basal forebrain degeneration and cognition in Parkinson's disease: Imaging results from the COPPADIS study. <i>Parkinsonism and Related Disorders</i> , 2021, 88, 68-75.	2.2	16
87	Impact of plasma glucose level on the pattern of brain FDG uptake and the predictive power of FDG PET in mild cognitive impairment. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1417-1422.	6.4	15
88	Neuronal correlates of serial position performance in amnesic mild cognitive impairment. <i>Neuropsychology</i> , 2016, 30, 906-914.	1.3	15
89	The complex link between amyloid and neuronal dysfunction in Alzheimer's disease. <i>Brain</i> , 2015, 138, 3472-3475.	7.6	14
90	A novel MRI biomarker candidate for Alzheimer's disease composed of regional brain volume and perfusion variables. <i>European Journal of Neurology</i> , 2010, 17, 1437-1444.	3.3	13

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91	Association Between Smoking and Cholinergic Basal Forebrain Volume in Healthy Aging and Prodromal and Dementia Stages of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 1443-1451.	2.6	13
92	Differential patterns of gray matter volumes and associated gene expression profiles in cognitively-defined Alzheimer's disease subgroups. <i>NeuroImage: Clinical</i> , 2021, 30, 102660.	2.7	13
93	Increased homocysteine levels correlate with cortical structural damage in Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2022, 434, 120148.	0.6	13
94	Building bridges: experiences and lessons learned from the implementation of INSPIRE and e-reporting of air quality data in Europe. <i>Earth Science Informatics</i> , 2015, 8, 353-365.	3.2	12
95	Does Functional Connectivity Provide a Marker for Cognitive Rehabilitation Effects in Alzheimer's Disease? An Interventional Study. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 1303-1313.	2.6	12
96	The relationship between cholinergic system brain structure and function in healthy adults and patients with mild cognitive impairment. <i>Scientific Reports</i> , 2021, 11, 16080.	3.3	12
97	Metabolic and amyloid PET network reorganization in Alzheimer's disease: differential patterns and partial volume effects. <i>Brain Imaging and Behavior</i> , 2021, 15, 190-204.	2.1	11
98	Hippocampal volume and integrity as predictors of cognitive decline in intact elderly. <i>NeuroReport</i> , 2016, 27, 869-873.	1.2	10
99	Association of β -Amyloid and Basal Forebrain With Cortical Thickness and Cognition in Alzheimer and Lewy Body Disease Spectra. <i>Neurology</i> , 2022, 98, .	1.1	10
100	Decline of fiber tract integrity over the adult age range: A diffusion spectrum imaging study. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 348-359.	3.4	9
101	Association of a neurokinin 3 receptor polymorphism with the anterior basal forebrain. <i>Neurobiology of Aging</i> , 2015, 36, 2060-2067.	3.1	9
102	Output order and variability in free recall are linked to cognitive ability and hippocampal volume in elderly individuals. <i>Neuropsychologia</i> , 2016, 80, 126-132.	1.6	9
103	Reduced [18 F]flortaucipir retention in white matter hyperintensities compared to normal-appearing white matter. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 2283-2294.	6.4	9
104	Disentangling tau and brain atrophy cluster heterogeneity across the Alzheimer's disease continuum. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2022, 8, .	3.7	9
105	Atrophy outcomes in multicentre clinical trials on Alzheimer's disease: Effect of different processing and analysis approaches on sample sizes. <i>World Journal of Biological Psychiatry</i> , 2011, 12, 109-113.	2.6	8
106	The relationship between cerebrospinal fluid tau markers, hippocampal volume, and delayed primacy performance in cognitively intact elderly individuals. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015, 1, 81-86.	2.4	7
107	Reshaping the Amyloid Buildup Curve in Alzheimer Disease? Partial-Volume Effect Correction of Longitudinal Amyloid PET Data. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1820-1824.	5.0	7
108	Association of PET-based stages of amyloid deposition with neuropathological markers of β pathology. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 29-42.	3.7	7

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109	Cholinergic basal forebrain and hippocampal structure influence visuospatial memory in Parkinson's disease. <i>Brain Imaging and Behavior</i> , 2022, 16, 118-129.	2.1	7
110	FEOPET to quantify cortical cholinergic denervation in AD: Relationship to basal forebrain volumetry. <i>Journal of Neuroimaging</i> , 2021, 31, 1077-1081.	2.0	7
111	Reduction in Volume of Nucleus Basalis of Meynert Is Specific to Parkinson's Disease and Progressive Supranuclear Palsy but Not to Multiple System Atrophy. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 851788.	3.4	7
112	Comparison of Different Hypotheses Regarding the Spread of Alzheimer's Disease Using Markov Random Fields and Multimodal Imaging. <i>Journal of Alzheimer's Disease</i> , 2018, 65, 731-746.	2.6	6
113	FDG Uptake in the Basal Forebrain as Measured by Digital High-Resolution PET Is a Promising Marker of Basal Forebrain Degeneration in the Lewy Body Disease Spectrum. <i>Clinical Nuclear Medicine</i> , 2020, 45, 261-266.	1.3	6
114	In vivo staging of regional amyloid progression in healthy middle-aged to older people at risk of Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 178.	6.2	6
115	Impairment of Everyday Spatial Navigation Abilities in Mild Cognitive Impairment Is Weakly Associated with Reduced Grey Matter Volume in the Medial Part of the Entorhinal Cortex. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 1149-1159.	2.6	5
116	In Vivo Volumetry of the Cholinergic Basal Forebrain. <i>Neuroinformatics</i> , 2018, , 213-232.	0.3	5
117	Hippocampus and basal forebrain volumes modulate effects of anticholinergic treatment on delayed recall in healthy older adults. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015, 1, 216-219.	2.4	4
118	Magnetic resonance imaging-based hippocampus volume for prediction of dementia in mild cognitive impairment: Why does the measurement method matter so little?. <i>Alzheimer's and Dementia</i> , 2018, 14, 976-978.	0.8	4
119	Association of TDP-43 Pathology with Global and Regional 18F-Florbetapir PET Signal in the Alzheimer's Disease Spectrum. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 663-670.	2.6	4
120	Structural MRI of the basal forebrain as predictor of cognitive response to galantamine in healthy older adults: A randomized controlled double-blind crossover study. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2021, 7, e12153.	3.7	4
121	Aberrant Claustrum Microstructure in Humans after Premature Birth. <i>Cerebral Cortex</i> , 2021, 31, 5549-5559.	2.9	4
122	FDGPET subtypes of Alzheimer's disease and their association with distinct biomarker profiles and clinical trajectories. <i>Alzheimer's and Dementia</i> , 2020, 16, e042101.	0.8	3
123	Age and Anterior Basal Forebrain Volume Predict the Cholinergic Deficit in Patients with Mild Cognitive Impairment due to Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-16.	2.6	3
124	Antemortem basal forebrain atrophy in pure limbic TAR DNA-binding protein 43 pathology compared with pure Alzheimer pathology. <i>European Journal of Neurology</i> , 2022, 29, 1394-1401.	3.3	3
125	Partial Volume Correction Increases the Sensitivity of 18F-Florbetapir-Positron Emission Tomography for the Detection of Early Stage Amyloidosis. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 748198.	3.4	3
126	Standardization of MRI and Amyloid Imaging. , 2014, , 131-156.		2

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127	Levodopa-Induced Dyskinesia in Parkinson Disease Specifically Associates With Dopaminergic Depletion in Sensorimotor-Related Functional Subregions of the Striatum. <i>Clinical Nuclear Medicine</i> , 2021, 46, e296-e306.	1.3	2
128	Brain FDG PET for Short- to Medium-Term Prediction of Further Cognitive Decline and Need for Assisted Living in Acutely Hospitalized Geriatric Patients With Newly Detected Clinically Uncertain Cognitive Impairment. <i>Clinical Nuclear Medicine</i> , 2022, 47, 123-129.	1.3	2
129	Differential effects of APOE2 and APOE4 alleles on PET-measured amyloid ^β and tau deposition in older individuals without dementia. <i>Alzheimer's and Dementia</i> , 2020, 16, e040440.	0.8	1
130	Magnetic resonance imaging subtypes in subjective cognitive decline. <i>Alzheimer's and Dementia</i> , 2020, 16, e042439.	0.8	1
131	ADCoC: Adaptive Distribution Modeling Based Collaborative Clustering for Disentangling Disease Heterogeneity from Neuroimaging Data. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2023, 7, 308-318.	4.9	1
132	Tau pathology progression across PET-based stages of regional amyloid deposition. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	1
133	Functional and Structural MRI in Alzheimer's Disease: A Multimodal Approach. , 2014, , 371-422.		0
134	P3-179: A comparison of hippocampal volume and integrity: Which is the better predictor of cognitive decline?. , 2015, 11, P698-P699.		0
135	O2-10-03: In vivo characterization of basal forebrain atrophy and cholinergic denervation in primary progressive aphasia. , 2015, 11, P198-P198.		0
136	IC-P-045: Functional Connectivity in Alzheimer's Dementia and Mild Cognitive Impairment: A Large-Scale Multicenter Resting-State fMRI Study. , 2016, 12, P38-P38.		0
137	Basal forebrain mediated increase in brain CRF is associated with increased cholinergic tone and depression. <i>Psychiatry Research - Neuroimaging</i> , 2017, 264, 76-81.	1.8	0
138	[P3-350]: GLOBAL TAU BURDEN CORRELATES WITH BASAL FOREBRAIN ATROPHY IN HEALTHY AGING SUBJECTS. <i>Alzheimer's and Dementia</i> , 2017, 13, P1089.	0.8	0
139	[IC-P-118]: GLOBAL TAU BURDEN CORRELATES WITH BASAL FOREBRAIN ATROPHY IN HEALTHY AGING SUBJECTS. <i>Alzheimer's and Dementia</i> , 2017, 13, P91.	0.8	0
140	[IC-P-152]: ASSOCIATION OF CORTICAL AMYLOID LOAD WITH RESTING-STATE EEG FUNCTIONAL CONNECTIVITY IN SUBJECTIVE MEMORY COMPLAINERS FROM THE INSIGHT-PRE AD STUDY. <i>Alzheimer's and Dementia</i> , 2017, 13, P114.	0.8	0
141	[P1-441]: ASSOCIATION OF CORTICAL AMYLOID LOAD WITH RESTING-STATE EEG FUNCTIONAL CONNECTIVITY IN SUBJECTIVE MEMORY COMPLAINERS FROM THE INSIGHT-PRE-AD STUDY. <i>Alzheimer's and Dementia</i> , 2017, 13, P451.	0.8	0
142	[F4-01-03]: HETEROGENEITY OF HYPOMETABOLIC BRAIN DYSFUNCTION IN AMNESTIC MCI. <i>Alzheimer's and Dementia</i> , 2017, 13, P1211.	0.8	0
143	6 .Diagnostische Methoden. , 2018, , 187-352.		0
144	Disentangling neurodegeneration subtypes of Alzheimer's disease using data-driven methods. <i>Alzheimer's and Dementia</i> , 2020, 16, e037183.	0.8	0

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145	Clinical and neurodegenerative features associated with amyloid β -negative medial temporal tau deposition as measured by multimodal PET imaging. <i>Alzheimer's and Dementia</i> , 2020, 16, e040033.	0.8	0
146	Accounting for systematic spatiotemporal variation improves connectome-based models of tau spreading in human Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e040586.	0.8	0
147	In vivo amyloid progression in healthy middle-aged to older people at risk of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e040789.	0.8	0
148	Disentangling disease heterogeneity from neuroimaging data via adaptive distribution modeling-based collaborative clustering. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
149	In vivo amyloid staging in individuals with subjective cognitive decline in DELCODE Study. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
150	Associations of fully automated Elecsys CSF and novel plasma biomarkers with Alzheimer's disease neuropathology. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
151	Association of cerebrospinal fluid and plasma biomarkers with longitudinal tau accumulation. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0